



FIG. 4

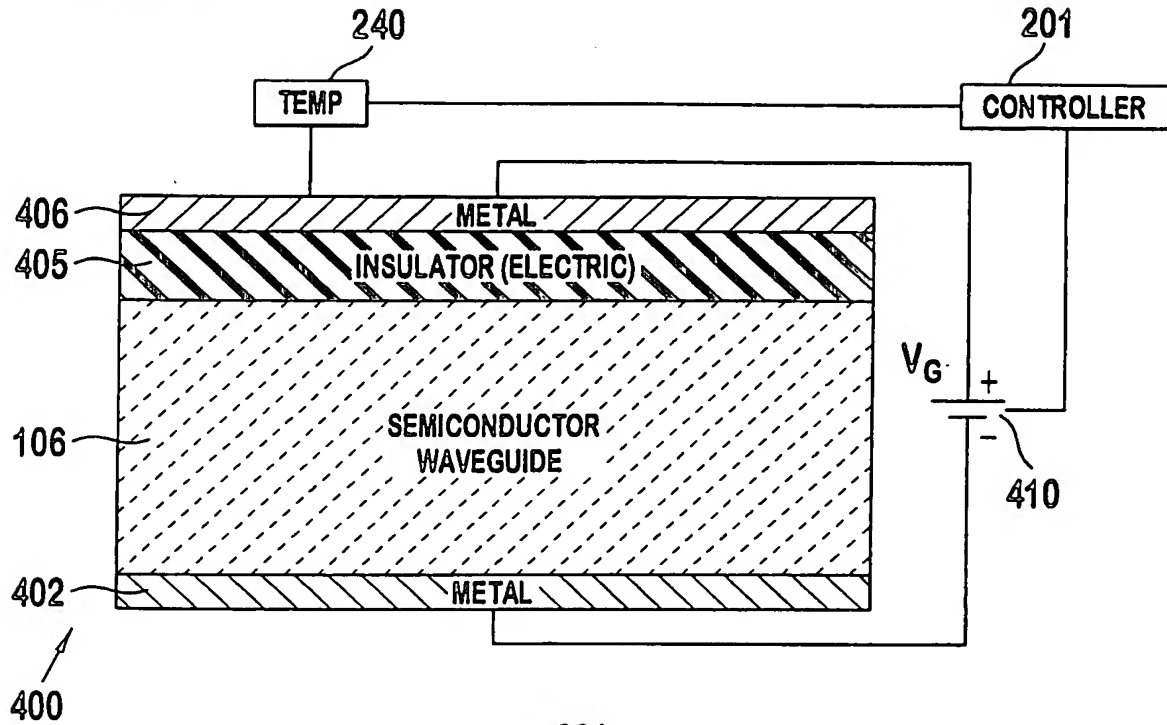


FIG. 5

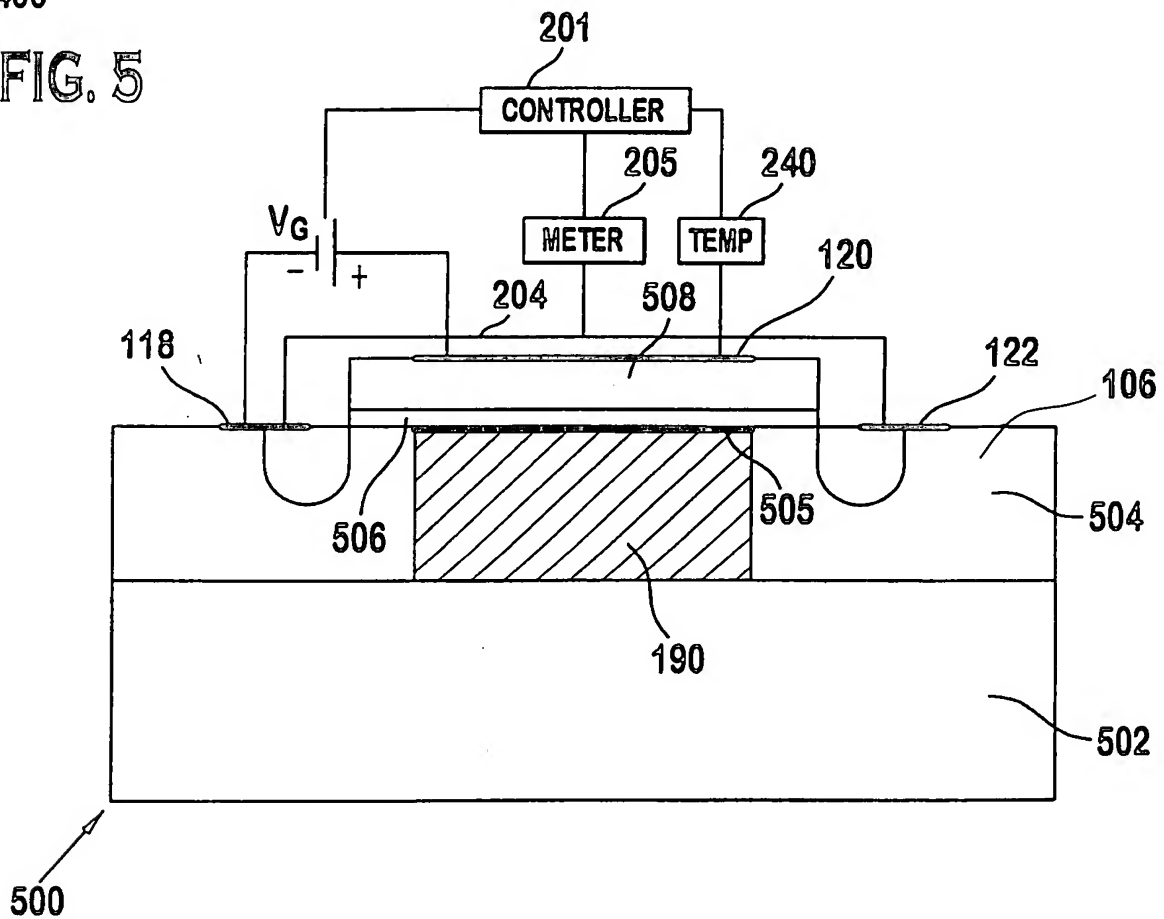


FIG. 11

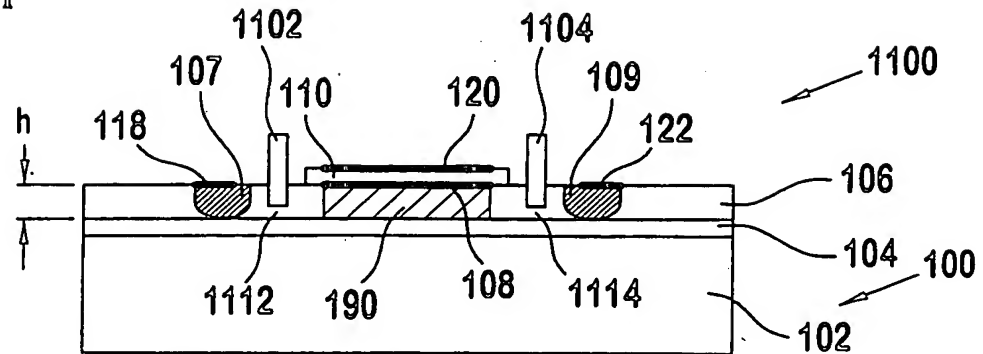


FIG. 12

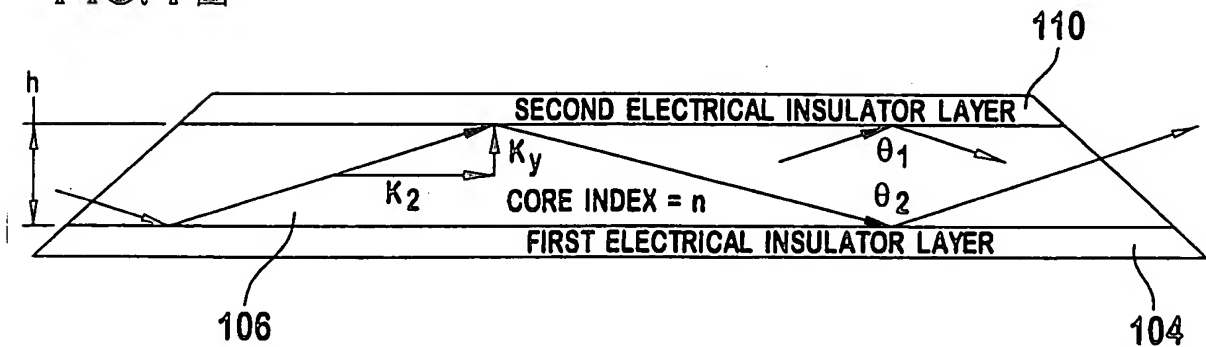
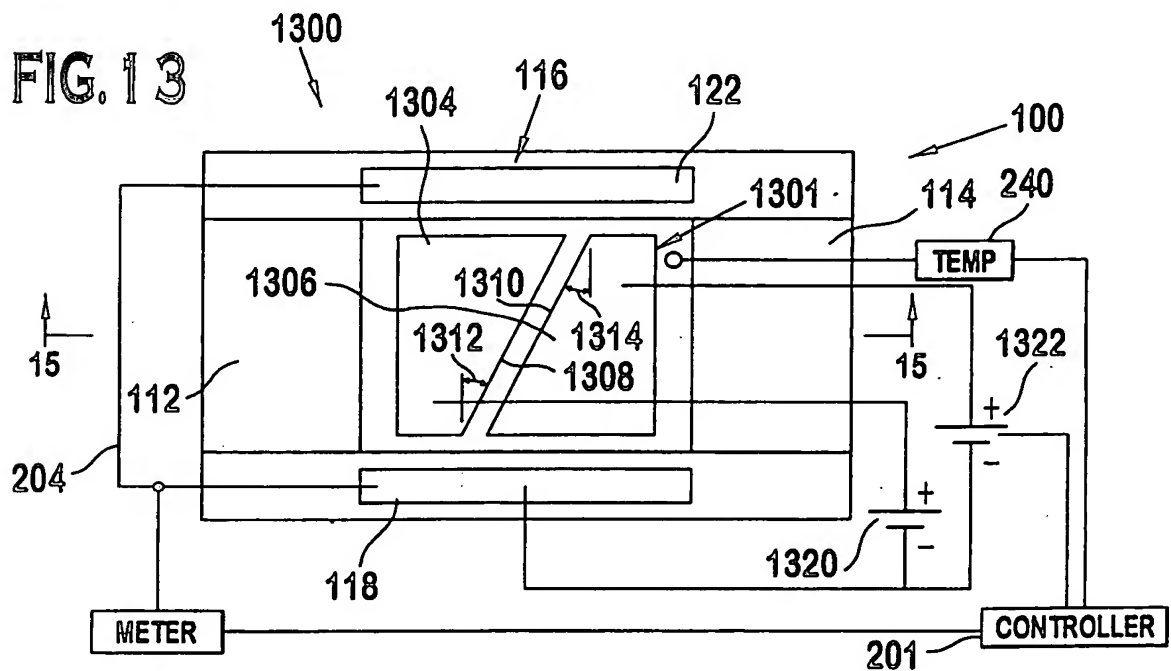


FIG. 13



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FIG. 20

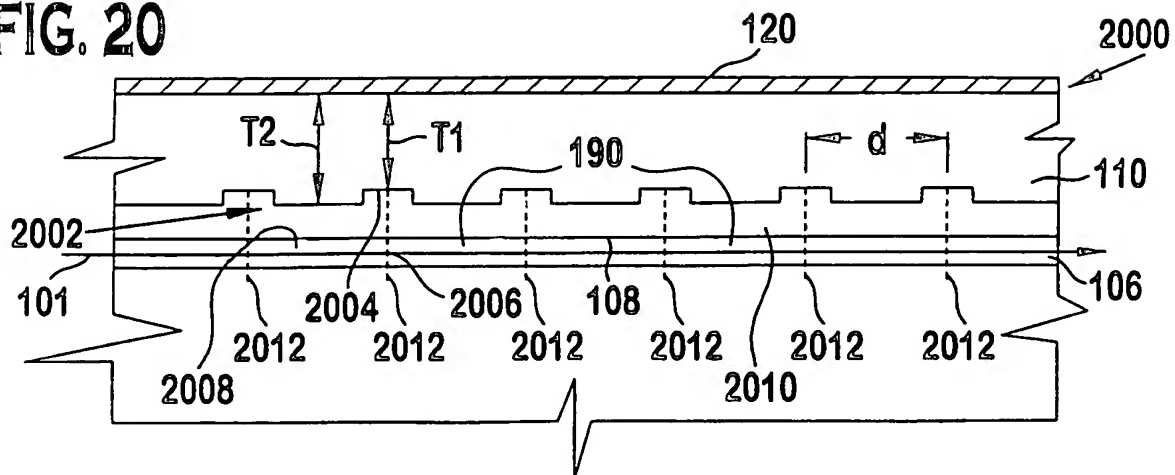


FIG. 21

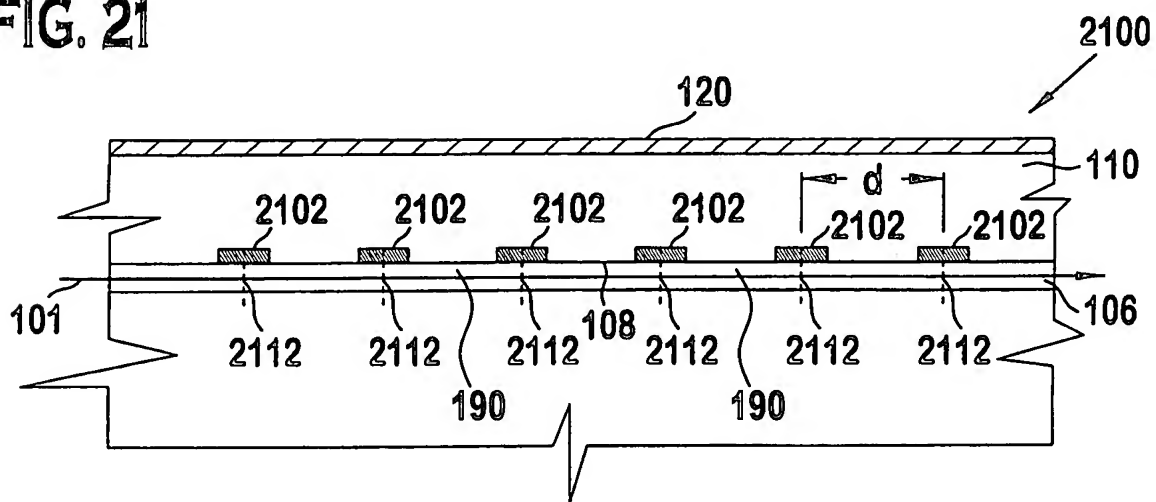


FIG. 22

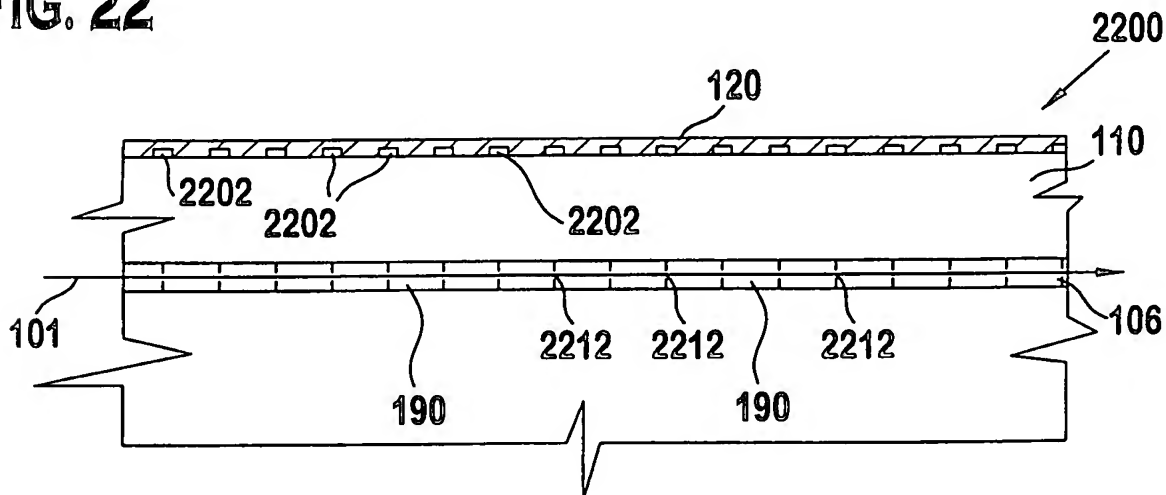


Diagram illustrating a light source assembly 3008. The assembly includes a light source 190, a lens 3012a, and a lens 3012b. Light rays 3014a and 3014b are emitted from the light source 190 and pass through the lens 3012a and 3012b, converging at a target point 3016.

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FIG. 47

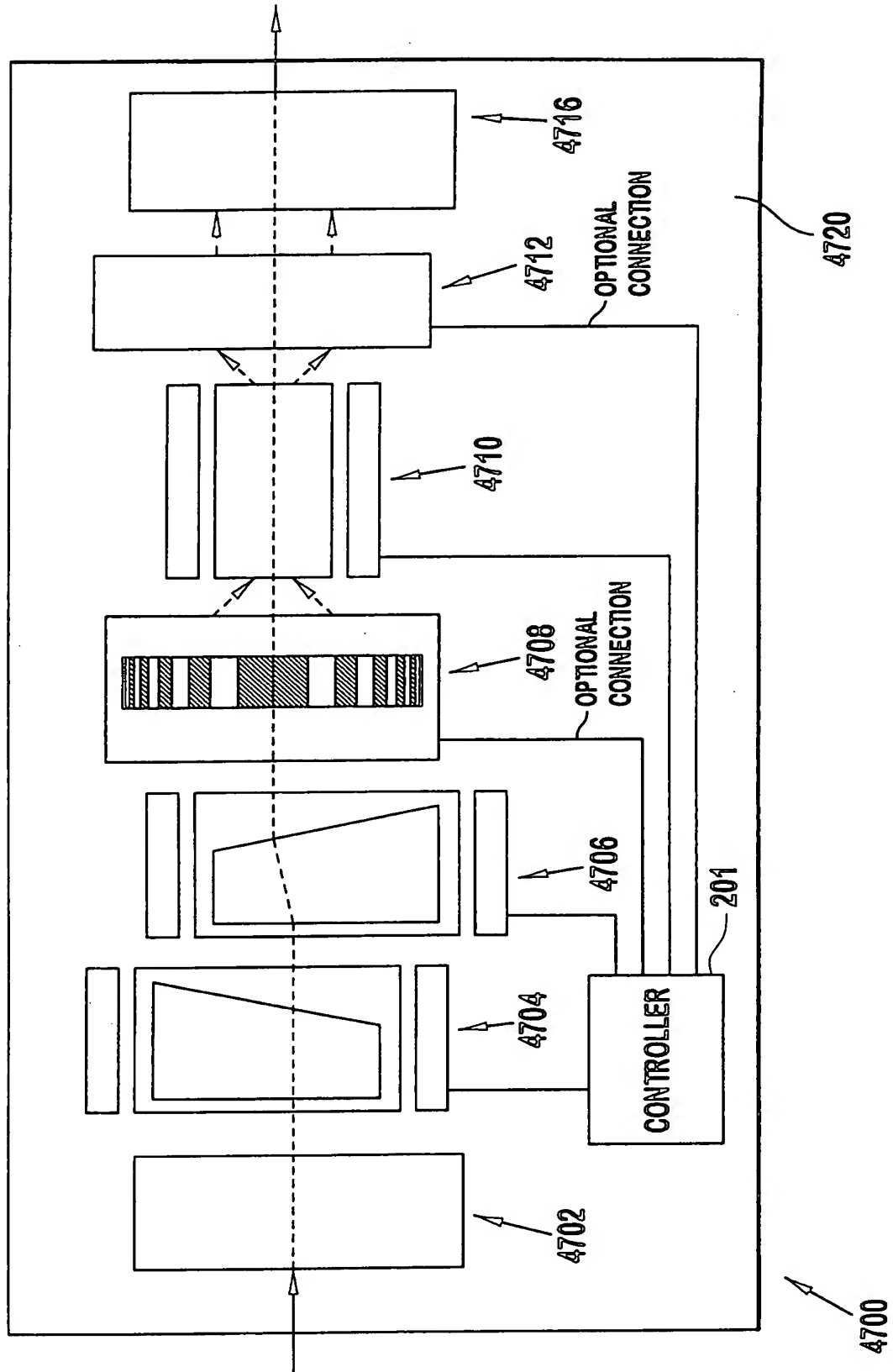


FIG. 52

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REGIONS OF OPTICAL INPUT OR OUTPUT

ELECTRONIC AND ON-CHIP PHOTONICS 5101

ELECTRICAL INPUT OR OUTPUT REGION 5103

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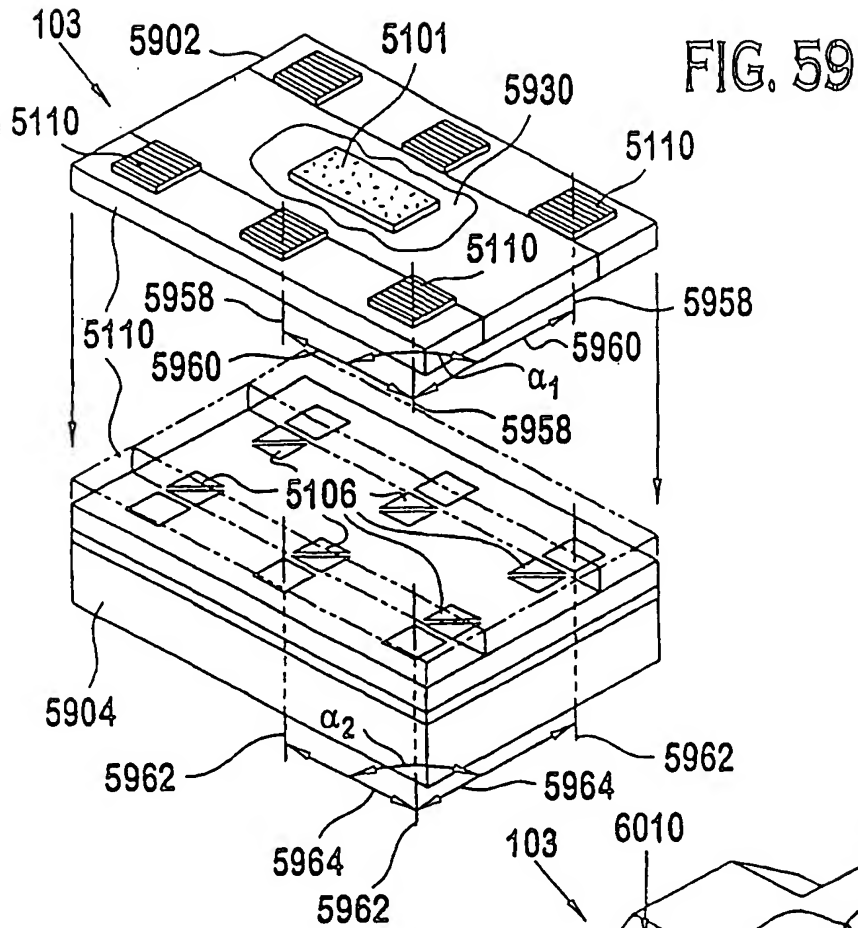


FIG. 61

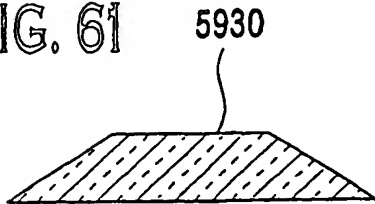
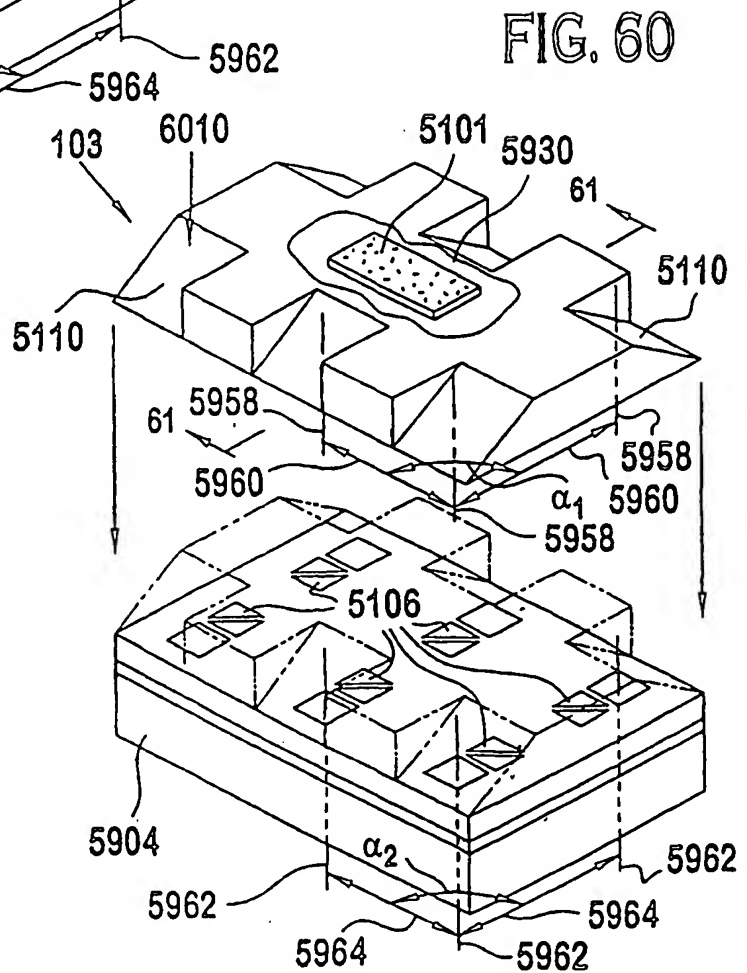
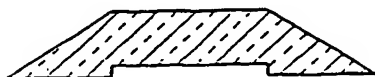


FIG. 62



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FIG. 67

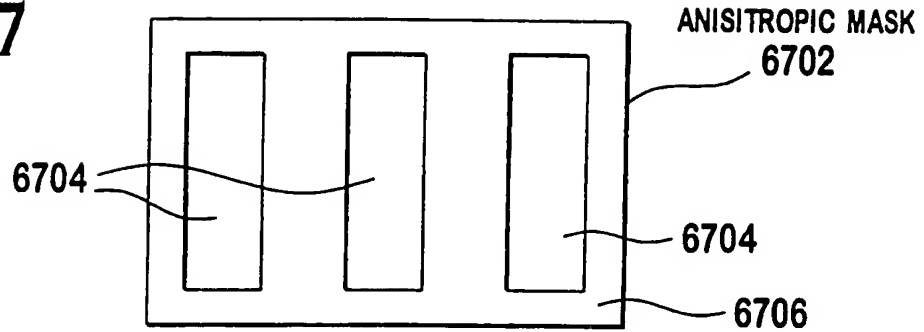


FIG. 68A

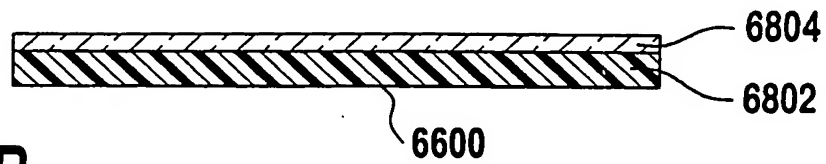


FIG. 68B

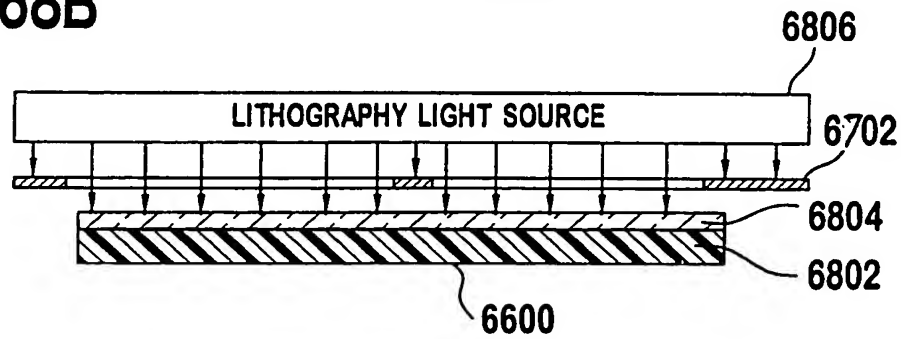


FIG. 68C

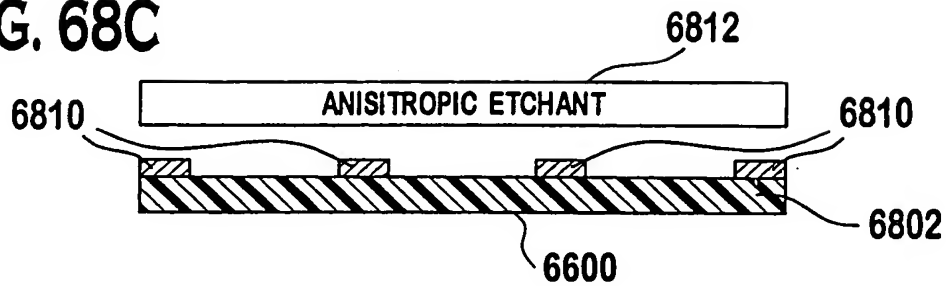
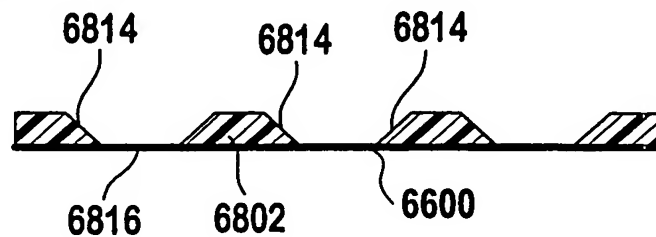
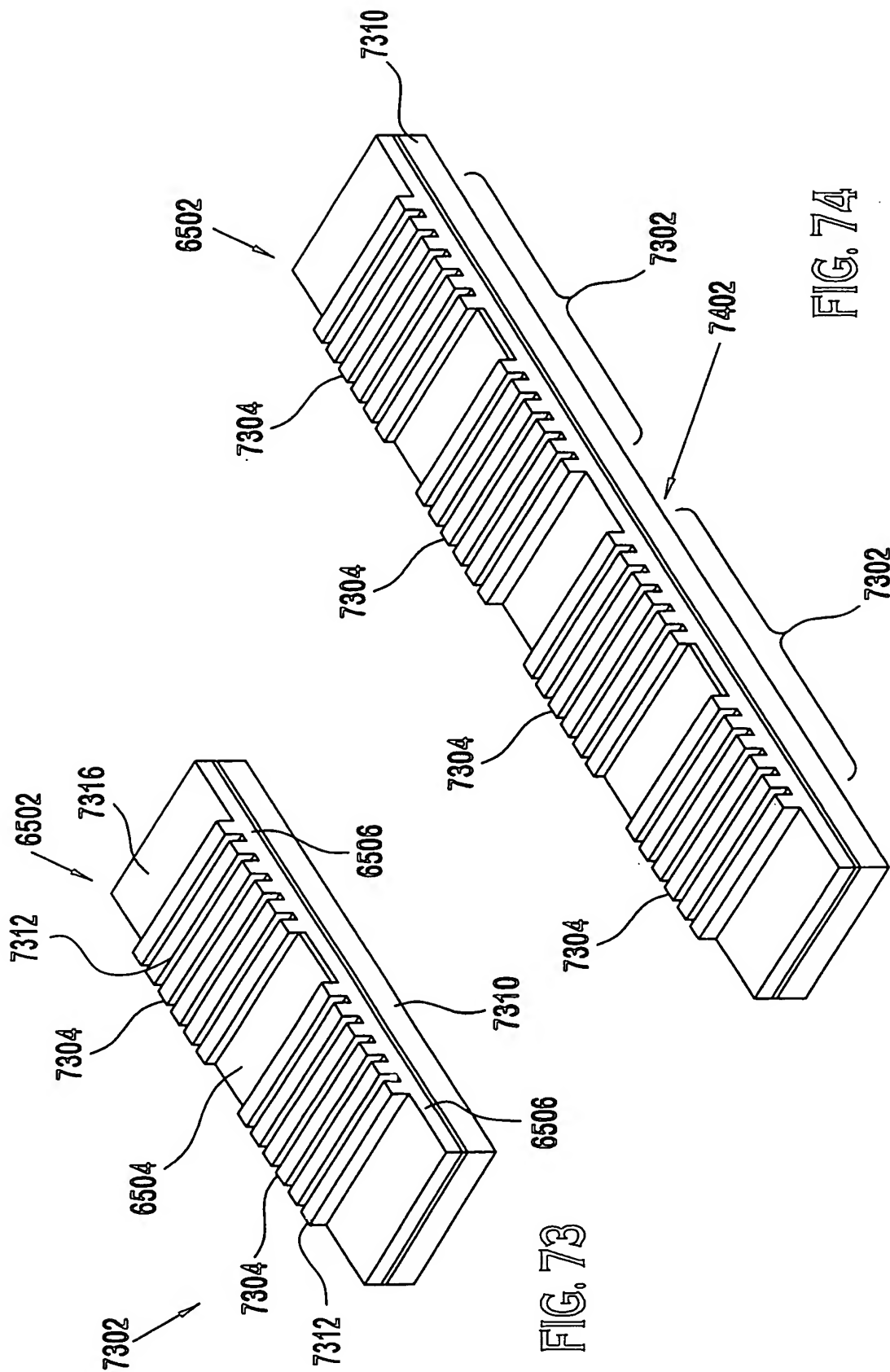


FIG. 68D

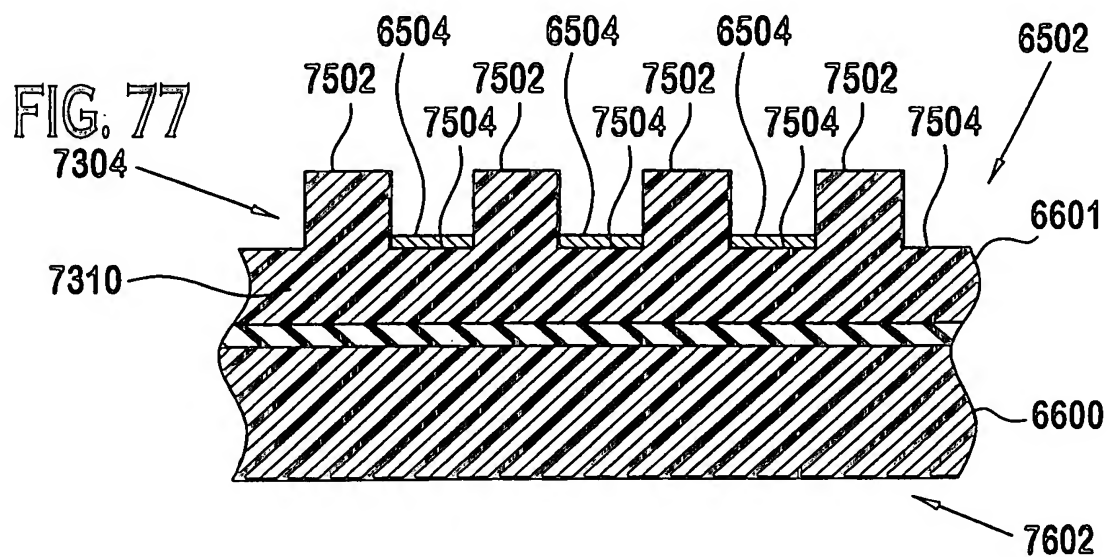
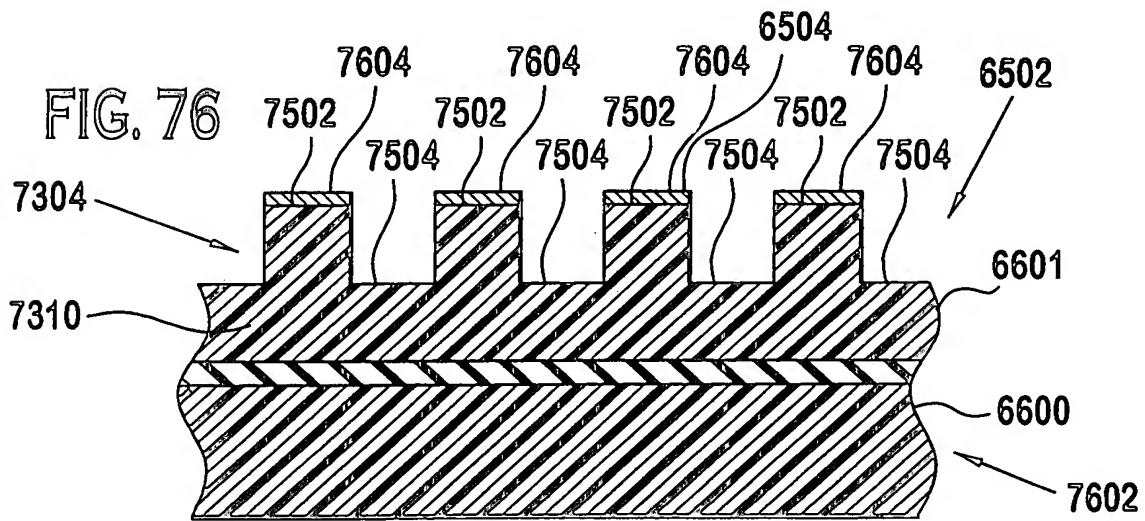
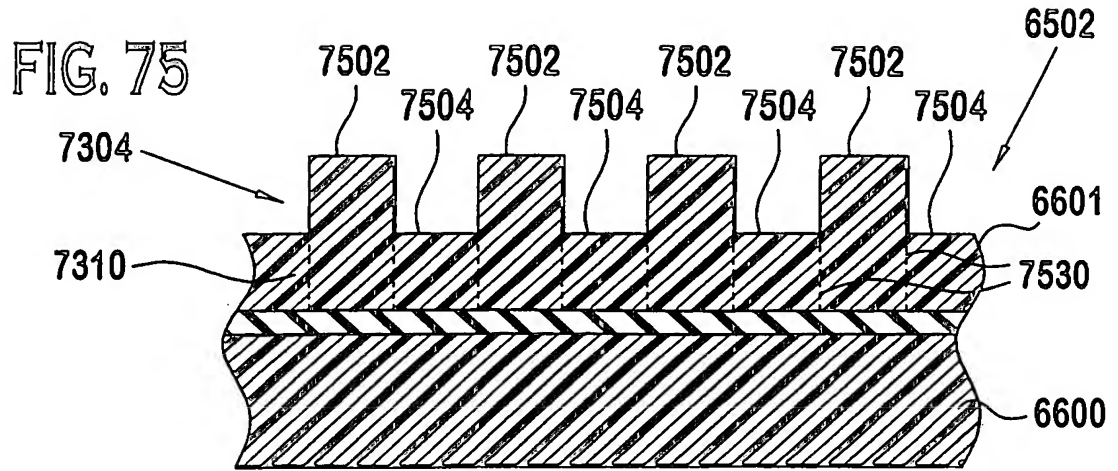




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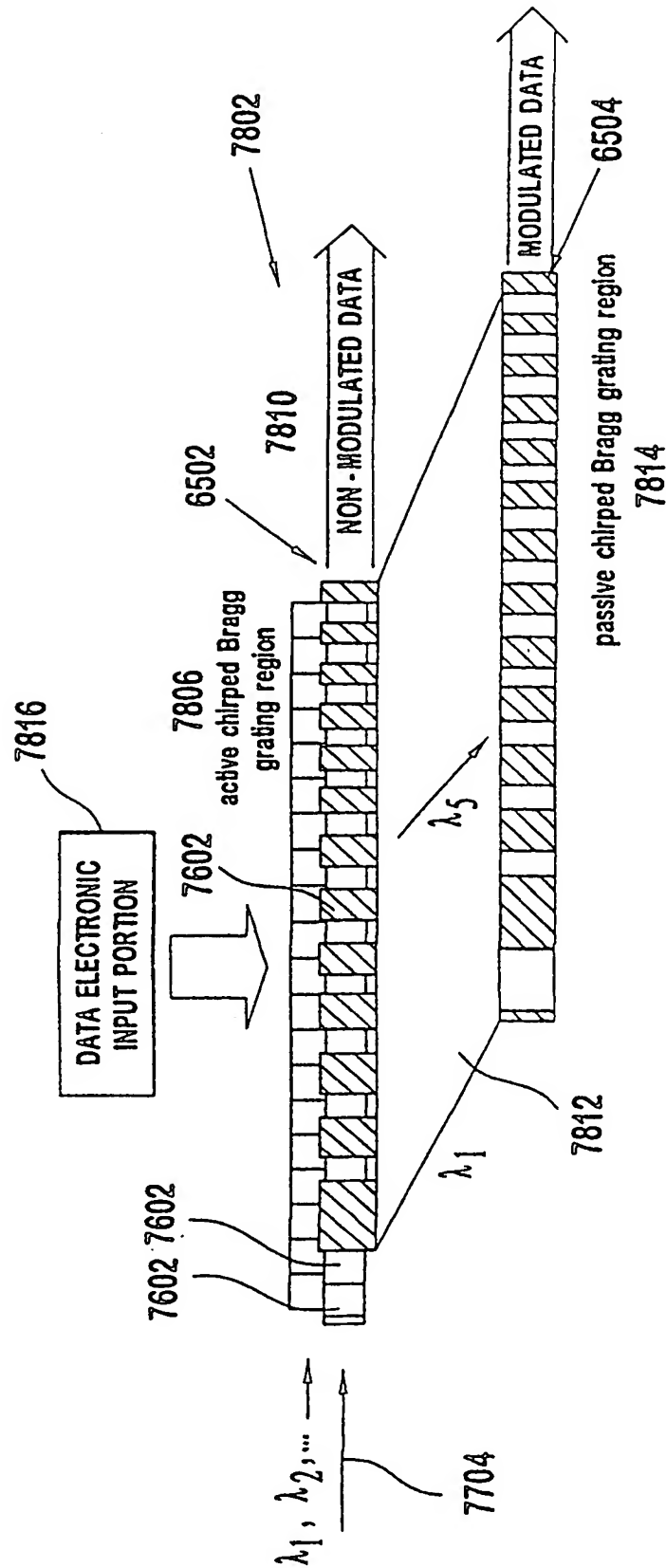
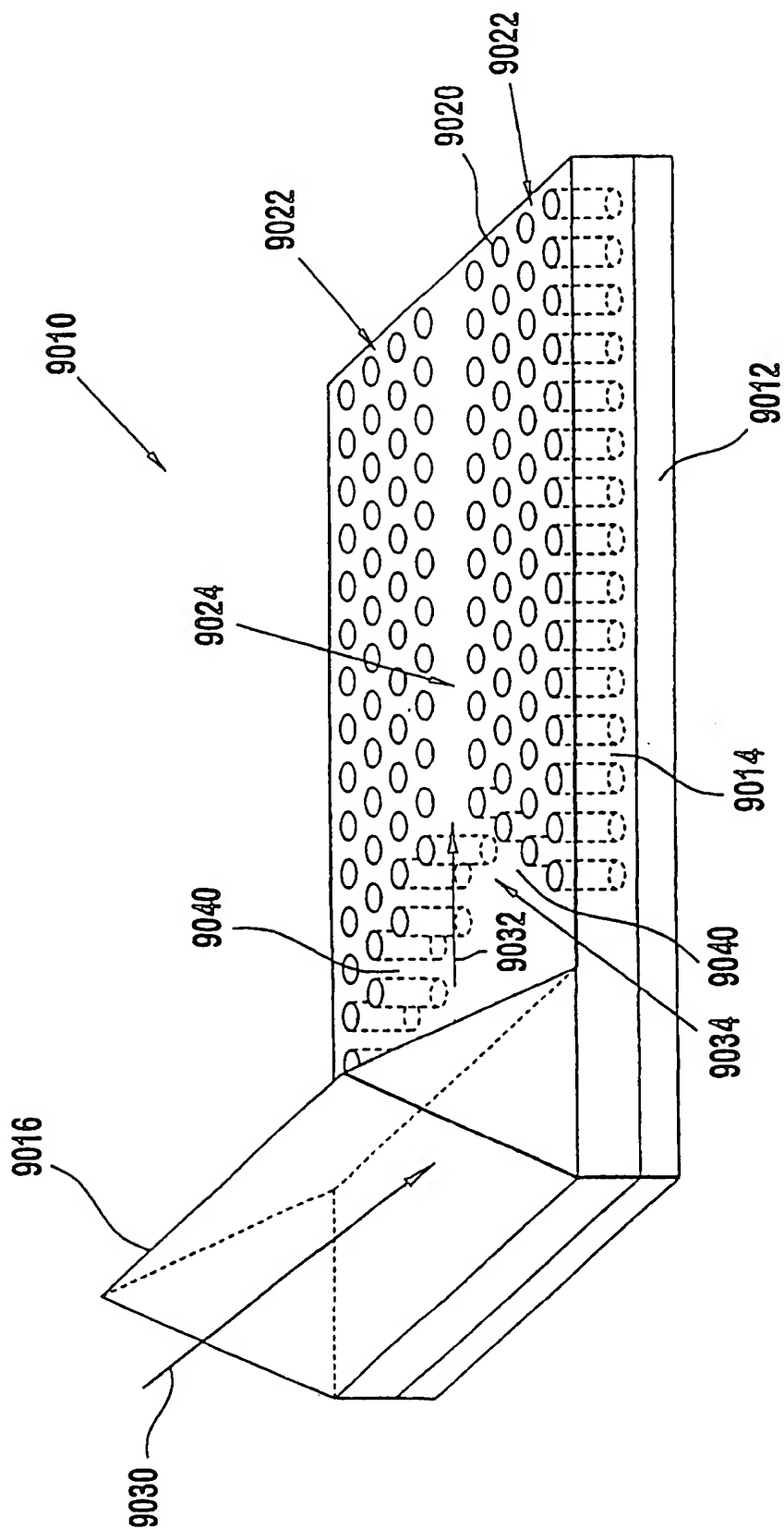


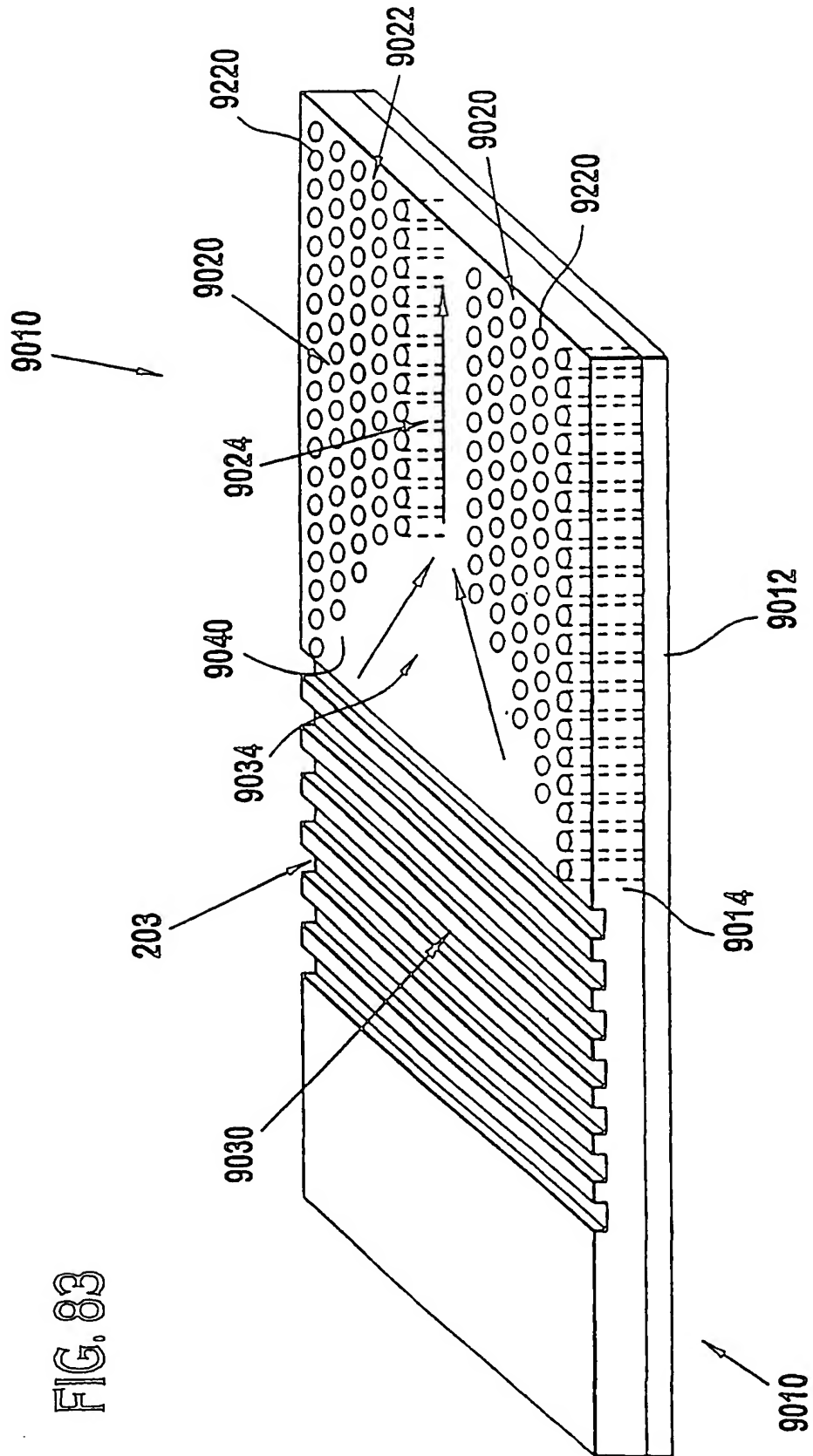
FIG. 78

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FIG. 82



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FIG. 88

